

Patent Application US/07/814,873

12:01:00  
OK

## SEQUENCE LISTING

2 (1)GENERAL INFORMATION:  
3 (i) APPLICANT:Wayner, E.A.  
4 (ii)TITLE OF INVENTION:INHIBITION OF LYMPHOCYTE ADHERENCE TO VASCULAR ENDOTHELIUM  
5 (iii)NUMBER OF SEQUENCES: 12  
6 (iv)CORRESPONDENCE ADDRESS:  
7 (A)ADDRESSEE:Christensen, O'Connor, Johnson and Kindness  
8 (B)STREET:2800 Pacific First Center, 1420 Fifth Avenue  
9 (C)CITY:Seattle  
10 (D)STATE:Washington  
11 (E)COUNTRY:USA  
12 (F)ZIP:98101-2347  
13 (v)COMPUTER READABLE FORM:  
14 (A)MEDIUM TYPE:Diskette-5.25 inch, 1.2Mb storage  
15 (B)COMPUTER:IBM PC/386 Compatible  
16 (C)OPERATING SYSTEM:MS-DOS 4.01  
17 (D)SOFTWARE:Word for Windows-t  
18 (vi)CURRENT APPLICATION DATA:  
19 (A)APPLICATION NUMBER:07/814,873  
20 (B)FILING DATE:December 24, 1991  
21 (vii)PRIOR APPLICATION DATA:  
22 (A)APPLICATION NUMBER:07/402,389  
23 (B)FILING DATE:September 1, 1989  
24 (viii)ATTORNEY/AGENT INFORMATION:  
25 (A)NAME:Sundsmo,John,S.  
26 (B)REGISTRATION NUMBER:34,446  
27 (C)REFERENCE/DOCKET NUMBER:CYTE-1-6162  
28 (ix)TELECOMMUNICATION INFORMATION  
29 (A)TELEPHONE:1-206-682-8100; 1-206-224-0727 (direct)  
30 (B)TELEFAX:1-206-224-0779  
31 (C)TELEX:4938023  
32 (2)INFORMATION FOR SEQ ID NO:1:  
33 (i)SEQUENCE CHARACTERISTICS:  
34 (A)LENGTH:46 amino acids  
35 (B)TYPE:amino acid  
36 (D)TOPOLOGY:linear  
37 (ii)MOLECULE TYPE:polypeptide  
38 (A)DESCRIPTION: fibronectin IIIICS domain; Fig. 9A; DELPQ LVTL P HPNLH GPEIL DVPST  
39 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:1:  
40 Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn Leu His  
41 5 10 15  
42 Gly Pro Glu Ile Leu Asp Val Pro Ser Thr Val Gln Lys Thr Pro  
43 20 25 30  
44 Phe Val Thr His Pro Gly Tyr Asp Thr Gly Asn Gly Ile Gln Leu  
45 35 40 45  
46 Pro  
47 46  
48 (3)INFORMATION FOR SEQ ID NO:2:  
49 (i)SEQUENCE CHARACTERISTICS:  
50 (A)LENGTH:25 amino acids  
51 (B)TYPE:amino acid  
52 (D)TOPOLOGY:linear  
53 (ii)MOLECULE TYPE:polypeptide

## No errors

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54 (A)DESCRIPTION:CS-1 domain; Fig. 9A;DELPQ LVTLHPNLH GPEIL DVPST  
55 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:2:  
56 Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn Leu His  
57 5 10 15  
58 Gly Pro Glu Ile Leu Asp Val Pro Ser Thr  
59 20 25  
60 (3)INFORMATION FOR SEQ ID NO:3:  
61 (i)SEQUENCE CHARACTERISTICS:  
62 (A)LENGTH:25 amino acids  
63 (B)TYPE:amino acid  
64 (D)TOPOLOGY:linear  
65 (ii)MOLECULE TYPE:polypeptide  
66 (A)DESCRIPTION:CS-2 domain; Fig. 9A;VPSTV QKTPF VTHPG YDTGN GIQLP  
67 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:3:  
68 Val Pro Ser Thr Val Gln Lys Thr Pro Phe Val Thr His Pro Gly  
69 5 10 15  
70 Tyr Asp Thr Gly Asn Gly Ile Gln Leu Pro  
71 20 25  
72 (3)INFORMATION FOR SEQ ID NO:4:  
73 (i)SEQUENCE CHARACTERISTICS:  
74 (A)LENGTH:13 amino acids  
75 (B)TYPE:amino acid  
76 (D)TOPOLOGY:linear  
77 (ii)MOLECULE TYPE:peptide  
78 (A)DESCRIPTION: A13; Fig. 9B;DELPQ LVTLHPN  
79 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:4:  
80 Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn  
81 5 10  
82 (3)INFORMATION FOR SEQ ID NO:5:  
83 (i)SEQUENCE CHARACTERISTICS:  
84 (A)LENGTH:12 amino acids  
85 (B)TYPE:amino acid  
86 (D)TOPOLOGY:linear  
87 (ii)MOLECULE TYPE:peptide  
88 (A)DESCRIPTION:B12; Fig. 9B;LHGPE ILDVP ST  
89 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:5:  
90 Leu His Gly Pro Glu Ile Leu Asp Val Pro Ser Thr  
91 5 10  
92 (3)INFORMATION FOR SEQ ID NO:6:  
93 (i)SEQUENCE CHARACTERISTICS:  
94 (A)LENGTH:10 amino acids  
95 (B)TYPE:amino acid  
96 (D)TOPOLOGY:linear  
97 (ii)MOLECULE TYPE:peptide  
98 (A)DESCRIPTION:GPEIL DVPST  
99 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:6:  
100 Gly Pro Glu Ile Leu Asp Val Pro Ser Thr  
101 5 10  
102 (3)INFORMATION FOR SEQ ID NO:7:  
103 (i)SEQUENCE CHARACTERISTICS:  
104 (A)LENGTH:8 amino acids  
105 (B)TYPE:amino acid  
106 (D)TOPOLOGY:linear

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107 (ii) MOLECULE TYPE:peptide  
108 (A) DESCRIPTION:EILDV PST  
109 (ix) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
110 Glu Ile Leu Asp Val Pro Ser Thr  
111 5  
112 (3) INFORMATION FOR SEQ ID NO:8:  
113 (i) SEQUENCE CHARACTERISTICS:  
114 (A) LENGTH:6 amino acids  
115 (B) TYPE:amino acid  
116 (D) TOPOLOGY:linear  
117 (ii) MOLECULE TYPE:peptide  
118 (A) DESCRIPTION:LDVPST  
119 (ix) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
120 Leu Asp Val Pro Ser Thr  
121 5  
122 (3) INFORMATION FOR SEQ ID NO:9:  
123 (i) SEQUENCE CHARACTERISTICS:  
124 (A) LENGTH:4 amino acids  
125 (B) TYPE:amino acid  
126 (D) TOPOLOGY:linear  
127 (ii) MOLECULE TYPE:peptide  
128 (A) DESCRIPTION:VPST  
129 (ix) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
130 Val Pro Ser Thr  
131 4  
132 (3) INFORMATION FOR SEQ ID NO:10:  
133 (i) SEQUENCE CHARACTERISTICS:  
134 (A) LENGTH:5 amino acids  
135 (B) TYPE:amino acid  
136 (D) TOPOLOGY:linear  
137 (ii) MOLECULE TYPE:peptide  
138 (A) DESCRIPTION:EILDV  
139 (ix) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
140 Glu Ile Leu Asp Val  
141 5  
142 (3) INFORMATION FOR SEQ ID NO:11  
143 (i) SEQUENCE CHARACTERISTICS:  
144 (A) LENGTH:3 amino acids  
145 (B) TYPE:amino acid  
146 (D) TOPOLOGY:linear  
147 (ii) MOLECULE TYPE:peptide  
148 (A) DESCRIPTION:LDV  
149 (ix) SEQUENCE DESCRIPTION: SEQ ID NO:11  
150 Leu Asp Val  
151 3  
152 (3) INFORMATION FOR SEQ ID NO:12  
153 (i) SEQUENCE CHARACTERISTICS:  
154 (A) LENGTH:4 amino acids  
155 (B) TYPE:amino acid  
156 (D) TOPOLOGY:linear  
157 (ii) MOLECULE TYPE:peptide  
158 (A) DESCRIPTION:RGDS (control)  
159 (ix) SEQUENCE DESCRIPTION: SEQ ID NO:12

**Raw Sequence Listing**  
**Patent Application US/07/814,873**

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160 Arg Gly Asp Ser  
161 4  
162  
163  
164

PAGE: 1

SEQUENCE VERIFICATION REPORT  
PATENT APPLICATION US/07/814,873

DATE: 11/20/92  
TIME: 12:01:12

LINE ERROR

ORIGINAL TEXT

19 Wrong application Serial Number

(A) APPLICATION NUMBER: 07/814,873



PAGE: 1

SEQUENCE MISSING ITEM REPORT  
PATENT APPLICATION US/07/814,873

DATE: 11/20/92  
TIME: 12:01:12

MANDATORY IDENTIFIER THAT WAS NOT FOUND

CLASSIFICATION  
STRANDEDNESS

PAGE: 1

SEQUENCE CORRECTION REPORT  
PATENT APPLICATION US/07/814,873

DATE: 11/20/92  
TIME: 12:01:12

LINE ORIGINAL TEXT

28 (ix)TELECOMMUNICATION INFORMATION  
48 (3)INFORMATION FOR SEQ ID NO:2:  
60 (3)INFORMATION FOR SEQ ID NO:3:  
72 (3)INFORMATION FOR SEQ ID NO:4:  
82 (3)INFORMATION FOR SEQ ID NO:5:  
92 (3)INFORMATION FOR SEQ ID NO:6:  
102 (3)INFORMATION FOR SEQ ID NO:7:  
112 (3)INFORMATION FOR SEQ ID NO:8:  
122 (3)INFORMATION FOR SEQ ID NO:9:  
132 (3)INFORMATION FOR SEQ ID NO:10:  
142 (3)INFORMATION FOR SEQ ID NO:11  
149 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:11  
152 (3)INFORMATION FOR SEQ ID NO:12  
159 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:12

CORRECTED TEXT

(ix) TELECOMMUNICATION INFORMATION:  
(2) INFORMATION FOR SEQ ID NO:2:  
(2) INFORMATION FOR SEQ ID NO:3:  
(2) INFORMATION FOR SEQ ID NO:4:  
(2) INFORMATION FOR SEQ ID NO:5:  
(2) INFORMATION FOR SEQ ID NO:6:  
(2) INFORMATION FOR SEQ ID NO:7:  
(2) INFORMATION FOR SEQ ID NO:8:  
(2) INFORMATION FOR SEQ ID NO:9:  
(2) INFORMATION FOR SEQ ID NO:10:  
(2) INFORMATION FOR SEQ ID NO:11:  
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
(2) INFORMATION FOR SEQ ID NO:12:  
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:12: